What is claimed is:

- 1 1. Fluid sealing apparatus for operation with an endoscopic instrument at 2 a surgical site, the apparatus comprising:
- a body having a central bore dimensioned to receive an endoscopic
- 4 instrument therein, the bore extending through the body between distal and
- 5 proximal ends thereof;
- an element disposed about the body near one of the distal and proximal ends
- 7 thereof for selectively expanding laterally outwardly about the body; and
- a fluid seal disposed about the body near the other of the distal and proximal
- 9 ends having an aperture therethrough substantially aligned with the central bore
- through the body, and having an inner dimension resiliently and flexibly disposed
- 11 to receive an endoscopic instrument therein in sliding fluid-sealing engagement
- 12 therewith.
- 1 2. The apparatus according to claim 1 in which the element includes a
- 2 balloon of substantially toroidal-shape attached to an outer surface of the body near
- 3 the distal end thereof; and comprising:
- a fluid passage in a wall of the body in communication with the balloon and
- 5 extending along the wall toward the proximal end of the body for connection to a
- 6 source of fluid under pressure for selectively inflating the balloon.

- The apparatus according to claim 1 in which the fluid seal includes a
- 2 generally toroidally-shaped member removably attached in fluid-sealing
- 3 engagement with the proximal end of the body.
- 4. An endoscopic surgical procedure performed through an access port,
- 2 the procedure comprising:
- 3 forming an incision in tissue;
- dissecting tissue to form an anatomical space in tissue in communication
- 5 with the incision;
- 6 inserting the access port within the incision and anatomical space;
- 7 laterally outwardly expanding the portion of the access port inserted within
- 8 the incision to form fluid-sealing engagement with tissue about the incision;
- inserting an endoscopic instrument into the anatomical space through the
- 10 access port;
- forming a fluid-tight seal in the access port in response to insertion of the
- 12 endoscopic instrument in the access port;
- insufflating the anatomical space with fluid under pressure during formation
- of the fluid-tight seal; and
- disabling a fluid-tight seal within the access port to permit deflating the
- anatomical space inflated with fluid under pressure upon removal of an endoscopic
- instrument from within the access port.

- 1 5. An access port kit including:
- a body having a central bore therethrough between distal and proximal ends
- 3 thereof;
- an element disposed about the body near the distal end thereof for
- 5 selectively expanding laterally outwardly from the body;
- a plurality of resilient fluid seals, each selectively attachable to the proximal
- 7 end of the body for forming a fluid-tight seal with the body near the proximal end
- 8 thereof, each of the fluid seals including a resilient aperture therethrough of
- 9 selected different dimensions disposed to axially align with the central bore in the
- body in position attached to the proximal end of the body.
- 1 6. An access port kit including:
- a body having a central bore therethrough between distal and proximal ends
- 3 thereof;
- an element disposed about the body near the distal end thereof for
- 5 selectively expanding laterally outwardly from the body;
- at least one resilient fluid seal for attachment in fluid-tight engagement with
- 7 the body near the proximal end thereof, and including a resilient aperture
- 8 therethrough of selected dimension to axially align with the central bore upon
- 9 attachment to the body; and

an auxiliary resilient fluid seal for insertion within the resilient aperture of the resilient fluid seal to form a fluid-tight seal therewith, including an aperture therein of smaller dimension than the resilient aperture of the resilient gas seal for forming a sliding, substantially fluid-tight seal about a cylindrical member of sectional dimension larger than the aperture in the auxiliary resilient fluid seal and smaller than the aperture in the resilient fluid seal.